

ABSTRACT

On the mounting surface of an angular velocity detection element 1, element-side drive electrodes 9 to 12 and element-side detection electrodes 13 and 14 are contained and a ground electrode 15 is contained between the drive electrodes 9 to 12 and the detection electrodes 13 and 14. On the top surface 21A of a multilayer substrate 21, substrate-side drive electrodes 29 to 32 and substrate-side detection electrodes 33 and 34 are contained and a ground electrode is contained between the drive electrodes 29 to 32 and the detection electrodes 33 and 34. Then, the electrodes 9 to 15 of the angular velocity detection element 1 are connected to the electrodes 29 to 35 of the multilayer substrate 21 and the two ground electrodes 15 and 35 are made to face each other. Furthermore, on the top surface 21A of the multilayer substrate 21, drive wirings 41 and 42 connected to the drive electrodes 29 to 32 are contained and, inside the multilayer substrate 21, detection wirings 43 and 44 connected to the detection electrodes 33 and 34 are contained. Then, ground wirings 50 and 51 sandwiching the detection wirings 43 and 44 in the thickness direction are contained in the multilayer substrate 21.